average work done and the number of occurrences of a function code that were used in the calculations.

Tables from the crosstab query were copied to a spreadsheet where the two regression analyses were performed. The final table for the average work done was created using the same method, as discussed above, that Chen and Johnston used. The example in Table 7-3 shows the results from the SAS program, and Table 7-4 shows the number of occurrences of the specified function codes. The regression analysis results are shown in Figures 7-1 and 7-2. The final results are shown in Table 7-5 and compared to Chen and Johnston's results shown in Table 7-6. The complete results are presented in the Appendix 10-1.

Table 7-3 Average Rehabilitation Work for Timber Decks in Man-Hours/Deck Square Feet

Rating before rehabilitation	Rating after rehabilitation						
	9	8	7	6	5	4	3
9	0.0679						
8	0.0883	0.0471					
7	0.0311	0.0285	0.0449				
6	0.0494	0.0892	0.0261	0.0434			
5	0.1034	0.0353	0.0854	0.0536	0.0524		
4	0.0450	0.0984		0.0516	0.0445	0.0527	
3	0.0848	0.0469		0.0496	0.0253	0.0272	0.0431